BULLetin

June 2001

Next General Meeting

The SCDXC meets the second Thursday of the month. Our next meeting will be held June 14, 2001 at Syd Kronenthal Park in Culver City. The directions are elsewhere in this newsletter. Meeting time is 7:30 PM,

Please note:

It is very important that you watch where you park at the meeting place.

Do not park in the school parking lot.

Soap Box — Words from our President

Greeting's fellow Dxer's,

First off, I would like to thank all of you who were able to make it to the first meeting at our new location and the wonderful presentation Skip had prepared for us. I also would like to thank Skip once again for the terrific job in finding a new meeting location that can handle all of us, still close to the same location, and for a great price. We have to make a few minor adjustments, and I bet before too long, we might see a yagi or two pop up on some of the paintings (I know we can at least get our club banner strung between two sun flowers!)

Well looks like summer is just around the corner and if you haven't done your antenna duties yet, I suggest you do it before it gets much warmer. You don't want to be replacing bad baluns and feed line in August. I was starting to wonder if I had something wrong with my antennas when I couldn't hear the 3B6 except for a couple of days when they were S3 at my QTH. I think were starting to see the beginning of the downhill side of this solar cycle. All in all, I still worked a bunch of new ones and ran my band/mode count up on the higher bands. Before long, the low bands will start to show some life again. Until that time, I have a chance to think about what kind of goodies I'm going to need to make my antenna and ground plane more efficient, and where's a better place to

(Continued on page 2)

Inside this issue:

Map to Meeting Place	*2*
Spotting Derby	*3*
Ham Puzzle	*4*
QSLs	*5*
W6EL Propagation	*7*

1st Annual? SCDX Club Picnic

For Members, Family and Friends
Bring your Kids and Grandkids

June 30th, 2001 (not Field Day Weekend)

Woodley Park, Sepulveda Basin
12:00 noon to 5:00 PM

Club will provide Hot Dogs, Hamburgers, Drinks and Condiments
Members please bring a side dish or Dessert

RSVP to W6VX or KJ6Y
So we have an approximate count

Exit 405 Fwy at Burbank. Go west to Woodley Ave.
North a short distance to the entrance to the Park.

Soapbox — more

find that kind of stuff, and at a bargain prices, except at our next club meeting! Yes, it's our second annual Anchor's Away nite with our very own auctioneer, Neil Kaltman, K6SMF. Come watch as he gets $20 for a used coffee mug and $40 for 100 Megavolt 0-500000pF variable caps that can tune any tower for 160! So remember to clean out your closets and bring your boat anchors for a night of fun. Then get your rest, cuz your going to need it at the end of the month for our first annual club picnic! I can't think of a better way to spend a Saturday afternoon then with friends and a BBQ in the park swapping stories about the pot of gold we found for a steal of a price at the auction. This will be the weekend after field day. So remember to get your things together and come on down and lets open the summer season with some great fun!

C U in the auction pileup

es 73

Chuck KR6C

The Veeeeep Speaks

I was really pleased to see such a nice turnout at the May meeting, our first at the new location. Hope to have enough adult chairs for June. This will be our Anchors Aweigh night. Clean out you Ham Shack and bring those goodies to the meeting to be auctioned off.

The club gets 10%. Last year was a lot of fun. Neil, K6SMF will again be our Auctioneer. We also hope to have Norby, LX1NO and Manu, LX2LX visiting us. They will be operating from Catalina Is. for 2 full days, June 11-13. They will be signing their US calls, AB7TL and KM6RY.

The response for the drawing for the Yaesu FT-817 was wonderful. More than half the squares are gone already. If you don't have yours, see me at the meeting or you can call or e-mail me. Squares are $10.00 each, and limited to 100. We hope to have the drawing at the club picnic June 30th. The picnic will be at Woodley Park in the Sepulveda Basin. It's on Woodely Ave north of Burbank Blvd on the east side. Time is 12:00 noon to 5:00 PM. We'll try to have a sign up at the entrance and a talk in on the club repeater. Let Rich, W6VX or me know you're coming so we can an approximate count. Club will provide Hot Dogs, Ha

Idrinks and condiments. We are asking members to bring side dishes and desserts. **Please let us know!!**

See you at the June meeting and remember. "One mans junk is another mans FT-1000".

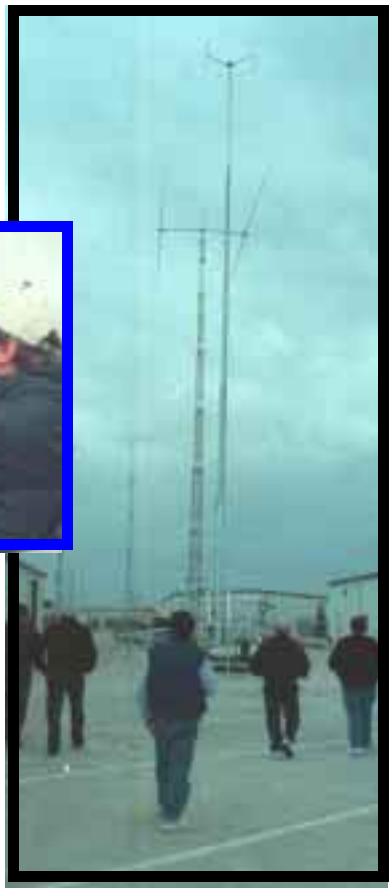
Skip, KJ6Ymburgers,

Meeting location

the new meeting place. **See the map**. Syd Kronenthal Park in Culver City. It is located 4 blocks west of La Cienega Blvd. and 2 blocks south of Washington Blvd. From the 10 Freeway exit La Cienega south to Washington Blvd. Turn right (west) 4 blocks to McManus Ave (it's La Cienega Ave to the right, McManus to the left). Turn left (south) 2 blocks to the Park. The street dead-ends at the parking lot. From the south you can exit La Cienega by the Airport and take it north to Washington Blvd. Turn left the 4 blocks. There are some restaurants in Downtown Culver city on Washington Blvd about a mile west from the meeting. There's a Sagebrush Cantina and a San Genero's Italian. You can also still meet at Shakey's or the Deli and you're only 5-10 minutes from the meeting.

A few more pictures from the DX Convention.

Tnx to K6LD



Spotting Derby

Activity on the DX bands does seem a bit slow these days. Without a new one to feed the chase and the beginning of vacation season I suppose it is expected that our members are taking it easy.

I was asked (again) if we could extend the derby scoring to include bands—not just contacts. II am sorry — the accounting and scoring would be too much for us to undertake at this time.

So, how did you do?

Spotter	Spots	Score
W6TG	150	587
W6LAX	118	269
AA6NP	92	260
W6VX	67	214
WO6M	57	172
AD6KQ	49	161

K6YRA	38	137
WA6TLA	41	127
N6HY	48	113
KG6OK	27	97
W6YOO	23	96
N6KZ	31	82
K6IRA	42	63
N6IC	24	59
K6GXO	19	51
N6RT	17	50
W3SE	14	43
W6KK	11	42
KC6T	17	40
K6ACZ	9	32
W6EA	6	39
WA6WXD	19	37
WA5VGI	5	33
KN6H	14	31
N6OU	12	31
W6SR	6	30
W6RT	7	29
K6FG	8	27
W6OES	6	24
W7RF	3	22
W6YY	3	19
AI6Z	4	18
K6YUI	4	18
K6FR	7	17
K6WS	8	16
K6JW	7	16
K6RO	5	15
KJ6Y	7	14
W6EJJ	5	13
W6FW	5	11
W6ZH	5	11
K6SY	3	11
K5KT	3	6
K6WM	2	5
WA6WZO	1	5
AA6RK	2	4
KB6FB	1	3
KQ6MW	1	1
N6HC	1	1
K6EXO	1	0

Elmer sez

Last year we asked a few ol timers what was the most common questions asked of them. This is A QUIZ (with answers) we received.

Every one of us are concerned about SWR. How much do you still have to learn? Here is a simple problem (and answers).

An ideal 50 Ohm SWR meter, with no line length, is placed directly between a 100 Ohm pure resistive load and a 50 Ohm source. What does the meter read?

Answer: The meter reads an SWR of 2:1

Are there standing waves between source and load?

Answer: Yes. By definition, the impedance mismatch creates a standing wave condition.

How much power is delivered to the load?

Answer: 88.9% of the transmitted power is delivered to the load. For a 100 Watt signal this is 88.9 Watts.

Where is the lost power gone ?

Answer: The lost power is absorbed by the 50 Ohm source. The power reflection took place at the 50/100 Ohm interface. Therefore, to the reflected waves which have never left a 50 Ohm environment, the 50 Ohm source appears as a 50 Ohm load.

One of the best QAs came from a retired areospace engineer who lives in the Valley (Encino). Wears glasses and does not want to be identified by name or call.
1. How do I "ground" my station? The shack is on the second floor.
A: You can tie a big rope around the rig and dangle it out the window then run outside to grab it and tie it to any tree or bush on the ground so as to not let the rig float away.

2. Do I need to have radials for my beam antenna?
A: You do not need radials on a beam antenna because the energy will flow to the ether around us on the imaginary radials of space that represent the ether.

Ham Puzzle

by Milt W6RJO

Cement in the hole problem

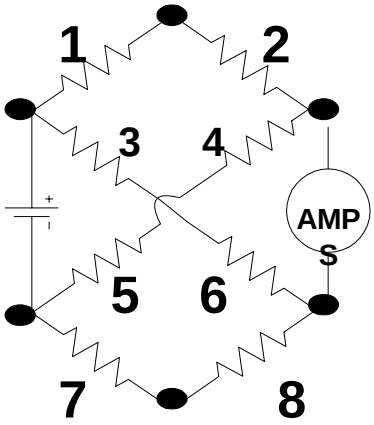
Milt gives us the answer to the cement in the hole problem presented last month
Here it be.
It would take 6 loads to fill to at least 98 percent of the top. It would take an infinite number of loads to fill to the very top at this drib and drab "half-remainder" rate.

K6SY submitted the answer with a a math proof. Tu witt:

Dear Editor:

Filling half the remaining volume of the hole with each trip can be represented by a geometric series where:
r=1/2.4(.98) CU-yd = 3.92 < 2 + 1 + 1/2 + 1/4 +1/8 +1/16 = 3.9375 CU-yd

6 trips are required to fill the hole to 98%. The limit to the series is 4.0 or a full hole for an infinite number of trips. You'll never reach the full 4.0 CU-yd.

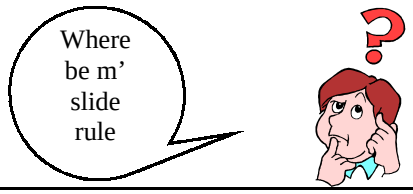


For this month Milt asks what seems to be a simple question. (Watch for the “simple” ones.

Suppose you have a circuit consisting of eight resistors, a battery and a current meter as shown.

How are the resistor values related to result in ZERO current through the ammeter?

Note the resistor numbers have no relationship to the value of the resistor.



We Remember these QSLs !

Sorry QSL is for credit. I would first a take a gen when the US fleet visited San Diego for fleet week latter part of Aug. 1935 I lost my call because FCC requires contact with 3 stations to renew your ticket and I couldn't do that on a cruise in fleet.

Warren, W6MI remembers when the US navy was in San Diego in 1935.

SIBERIA RUSSIA

UAØSJ

ZONE: CQ 18 ITU 32 LOC: 0006TD

I am happy to confirm the QSO(s) as follows:

TO RADIO	DATE (D/M/Y)	UTC	MHz	2WAY	RST
	/ /			SSB CW	
AD6KQ	10 Jan 2001	0033	14	(SSB) CW	59
	/ /			SSB CW	

Yuri A. Maltsev
P. O. Box 2304,
Bratsk-city, 665700
Russia / Asiatic /

☐ PSE QSL ☑ TNX QSL

E-mail: ua0sj@windoms.sitek.net

This was the last card needed by Ray, AD6KQ for his WAZ! He is shown here with his new World Radio "Worked 100 Nations" award.

WE NEED YOUR CONTRIBUTIONS TO THE NEWSLETTER

If you have a special card—share it with us. Contact the editor for details

Ramblings

Dayton

Will and Herb were at Dayton this year and they sent in the picture to prove it.

Repeater Report

Thanks to the efforts of Chuck and Edgar, the issues discussed at the May meeting have been resolved. The DX Alert is again functional

P5 on the air?

It was reported that the P5 worked by so many last month may have been a slim. If you find out differently please let us know.

EMERGENCY NOTIFICATION

To receive Emergency Email notification of natural disasters or other emergencies in your area:

http://www.emergencyemailnetwork.com/

CQ Millenium Award

To apply for the CQ Millenium Award, use a standard CQ Award Application (downloadable from the Information Center on the CQ Magazine website), cross out the award name, write in "CQ Millenium Award", complete the form, and mail it to:

CQ Millenium Award
25 Newbridge Road
Hicksville, NY 11801
USA

DO NOT mail your application to the regular award managers.

Culb Rosters

These were available at the meeting place in May.

If you want one e-mailed to you, please send a message to:
Membership@scdxc.org and an EXCEL sheet will be sent to you.

Sample Tests

In answer to a question a while back, I think that you will find sample Ham tests tests at:

http://www.hamradio-online.com/

In the News

The Legal Stuff continues.
The following is an edited version (from ARRL) of recent actions taken in Los Angeles.

FCC Denies LA County 2.4 GHz Application, Cancels Experimental Grant to City

Following objections from the ARRL, AMSAT and others, the FCC has turned down an application from L A County for an experimental license permitting airborne uwave TV down links in the 2402-2448 MHz range. The FCC also canceled an experimental license grant to the City of L A to operate an identical TV downlink system in same band.

Amateurs have a primary allocation at 2402-2417 MHz and a secondary allocation in the rest of the affected band.

"Experimental licenses are not substitutes for regular radioc service licenses," said the deputy chief of the Electromagnetic Compatibility Division in the FCC's Office of Engineering and Technology. OET issues all experimental licenses.

The ARRL, AMSAT and the Amateur Television Network had asked the FCC to deny the County's application. The League, AMSAT and ATN also had objected to the City's experimental grant. The FCC gave the City until December 1 to terminate its operation but reserved the right to accelerate the cancellation date if interference occurs.

The LA County proposal, filed in August 1999, sought FCC authorization to develop a TVDL system on four 2.4 GHz channels for
deployment aboard sheriff's and fire department airborne units.

In protesting the County's plan, the ARRL called the application a "foot in the door" toward gaining a permanent berth in the 2.4 GHz band. The County and the City already are authorized to operate TVDL systems under Part 90 rules in the 2.450-2.483.5 GHz band, but bothtold the FCC that they had experienced coordination and interference problems and sought the experimental TVDL authorization as a result.

Propagation—June 2001

by Shel, W6EL

These predictions for the five prime HF bands show the times when propagation is expected to be best from Los Angeles to several locations that are expected to be active during the coming month.

Other times are possible, but with weaker signals or lower probability. Openings are not expected on bands that are notlisted. A solar flux of 145, corresponding to a sunspot number of 105, and an average geomagnetic field are assumed.

Sunrise/sunset times are at the DX location. All times are UTC.

EA8 Canary Islands - 6/2 to 6/20 -
Beam 60 degrees
Sunrise/sunset (on 6/11) 0611/1953
40: 0330-0600.
20: 0100-0800.
15: 2030-0600.

8Q Maldives - 6/4 to 6/11 -
Beam 342 degrees
Sunrise/sunset (on 6/8) 0101/1314
20: 1300-1430.
20: Long path 0130-0230.

OH0 Aland Islands - 6/10 to 6/22 -
Beam 20 degrees
Sunrise/sunset (on 6/16) 0135/1948
20: 0100-0730.

FH Mayotte - 6/11 to 6/18 -
Beam 39 degrees
Sunrise/sunset (on 6/15) 0321/1438
40: Long path 1300-1430.
20: 0230-0430.
20: Long path 1200-1430.

FR Reunion - 6/19 to 6/22 -
Beam 24 degrees
Sunrise/sunset (on 6/21)
0257/1342
40: Long path 1230-1400.
20: 0230-0300.
20: Long path 1100- 1500 and
0300-0430.
15: 0330-0400.

C9 Mozambique - 6/30 to 7/9 -
Beam 73 degrees
Sunrise/sunset (on 7/5)
0428/1509
40: 0330-0400.
40: Long path 1300-1430.
20: 0500-0600 and 0100-0130.
20: mLong path 1200-1600.
15: 0600-0700.
-
Good luck and good DX from
Shel, W6EL.

QSL via

Tnx to Franz, DJ9ZB

3B6RF QSL to:	HB9AGH
3DA0N	LZS6ANL
3G4B	CE4ETZ
3W7D	BA1DU
5R8DL	JH8YZB
7Q7KZ	JA2LZF
8P9BK	DL1DA
8Q7JV	J1JQV
9M2DB	KD6WW
9N7WU	JA8WMU
9Q5BQ	HB9AMO
9V1YC	AA5BT
A25/KY4P	SV0LM
C91MR/3	G3MRC
EW6MM	DL8KAC
FO0CLA	F6CTL
FO0ELY	JA1ELY
FY5FU	F5PAC
HC8A	WV7Y
HS0ZCW	K4VUD
J88DR	G3TBK
JD1BCK	JM1TUK
JU1O	JR0CGJ
JY9NX	JH7FQK
R1FJL	UA3AGS
S21YV	KX7YT
Z33F	NN6C
Z36W	NN6C
ZK1NDS	DL9NDS
ZK1NFK	DL7NFK

Woodley Park, June 30

The MOBILE Dxer

Ed note: I received this letter the other day and want to share it with you.

Hi Harvey,

It's been several month's since I last wrote you. I have been extremely busy working with CQ Publications getting my book: **The Mobile DXer** ready to go to the printer's. The book includes many photographs and over a hundred exotic rare qsl card reproductions.

This is the first book devoted entirely to Mobile DXing. It is photo llustrated, at least l50 pages and has lot's of rare exotic qsl card reproductions in it. The main focus is actual on the air operation procedures for beginning and advanced Mobile DXer's to "bust that pile-up" working mobile operation on l00 watts.

I have began notifying the DX Net Control operators I list in my chapter on techniques The Mobile DXer will be available at Dayton and then in CQ Magazine. I figure in June or so will be available in Amateur Radio stores.

I am currently up to 260 countries confirmed and just sent a batch to Bill Moore for my 250 country sticker. 90% of these were worked either Mobile/Stationary or Portable operation on l00 watts.

73, Dave AC6WO

WARNING — Please note:

After the meeting last month a member of the club walked over to the lot where his car was parked to discover the formidable iron gates were locked! He was momentarily stuck, but the good Samaritan, our illustrious prexy, drove him home.

Then another friend drove him back the next morning to get his car, The point of this tale is that there are two adjacent parking lots at the new meeting site—one of which belongs to the park (OK to park) and the other to the Echo Horizons school (NOT OK to park).

So, when you see all those empty parking spaces in the school lot - admire them — but do not use them.

In The News

Gene Davies, AA6NP sent this in.

In reference to April 2001 QST article, page 28.

These are truly wondrous times in which we live. Imagine, a laser generated antenna!

What is even more amazing, is that this research has run parallel to other equally exciting new antenna technologies. One of the most promising fledgling design concepts is the stacked compost array.

Taking advantage of the unique molecular structure of this natural Equine byproduct, hams worldwide will soon replace their huge towers and arrays with large piles of this sought-after material.

The neighbors will be thrilled.

I can't wait to see what new advances to our state-of-the art are in store for us by this time next year.

AWARDS

KI6ZS. John. shows off his new wallpaper.
Congrats John!

Who We Are —

The BULLetin is published monthly by the Southern California DX Club and is mailed to all club members.

Please notify the BULLetin publisher if you do not receive your BULLetin, have a change of address, or have found an error.

Please direct all submissions for the BULLetin to the editor.

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BOOKS __ BOOKS

Duane, AA6EE supports the SCDXC by contributing prizes for our raffle. He is offering SCDXC members discount prices on Callbook & ARRL items.

When you purchase the Callbook CD you will have free access to worldwide changes that have occurred since the CD was published.

Callbook CD 2001 Summer Edition: $38.95 including s/h
QRZ v17 CD: $17.95 (New feature: You can create text files that are easily imported into word processors and spreadsheet applications for the creation of mailing lists. This allows you to create lists based on States, Zip Codes, or your own personal list of friends.)
ARRL Periodicals CD-ROM 2000 (QST/NCJ/QEX): $19.95
Yagi Antenna Classics: $15.95
More Wire Antenna Classics: $13.95
ARRL 2001 Handbook: $29.95 (hardbound $37.95 LTO)
Extra Class License Manual: $16.95 >
ARRL Repeater Directory $5.95
Any other ARRL item available at discount.
E-mail aa6ee@earthlink.net
More items on Web site: http://www.radiodan.com/aa6ee/

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Send check to: (CA residents add 7%) (760)789-3674
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MEMBERSHIP APPLICATION, New or Renewal

Return to: Harvey Shore, 6433 Pat Avenue, West Hills, California 91307

CALL _____ NAME _____ DATE _____

MAILING ADDRESS _____

CITY/STATE/ZIP _____

E-MAIL _____

HOME TELEPHONE (____) ___ - _____ WORK TELEPHONE (____) ____ - _____

SPOUSE NAME/CALL (if desired to be listed in roster)_____

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